

POULTRY

START WITH BUFF LEGHORNS

Much Easier and More Satisfactory Than Few Years Ago—Get Quality Rather Than Quantity.

Starting with Buff Leghorns now is much easier and more satisfactory than it was a few years ago. Now prominent breeders are getting as large a proportion of exhibition specimens from their matings as are the breeders of any variety and customers who are buying eggs get good value for the money they invest. Of course, one must be careful to buy from breeders who are producing fine birds, for breeders who are not breeding the quality that is winning at our prominent shows cannot supply it to their customers. After getting the eggs and hatching the chicks be sure to mark them all according to the breeding pen in which the eggs were laid; then when the chicks mature you will know their breeding.

When you pick out those which you are going to keep for your foundation stock, if you have only one male and one female that suit you, you had better use only those for the first year's breeding. It is not quantity that the beginner wants—it is quality. Next season select your best pullet and mate back to the old male and mate the yearling hen and the choicest one of the season's cockrels. These matings are reasonably sure to produce plenty of quality, if you buy the eggs from a breeder who has line bred his stock properly.

FOLDING COOP FOR CHICKENS

Ends and Sides Turn Down When Not Being Used—Of Great Convenience in Shipping to Market.

Now comes the collapsible chicken coop, designed by a Wisconsin man, and in view of the present mania for raising chickens it will probably interest a great many people. The sides and ends of the coop are hinged beneath the ends. When the recep-



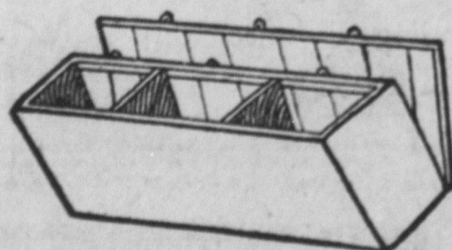
Folding Chicken Coop.

tacle is extended the sides form a support to the ends, and all are held firmly in the extended position by clips at the four corners. When the coop is collapsed, pins lock the folding parts and keeps them down. As will be readily understood, a coop of this kind will be a great convenience to the poultry farmer who ships his chickens to market or to a poultry store. After the live fowls have been disposed of a dozen of these improved receptacles can be folded up, tied in one bundle and shipped back to the place where they came from at small expense and no trouble. They are equally handy on the chicken farm.

DUMPING NESTS ARE HANDY

Bottom Arranged with Hinges So That It Will Drop and Contents Fall to the Floor.

A good way to build hens' nests is to have the bottom attached with hinges and fastened at the front with small hooks and staples. When the nests are to be cleaned the bottom



Dumping Hens' Nest.

can be dropped and all the contents will fall out. The nests should be at least twelve inches square, and for the large-sized breeds fifteen inches will be better.

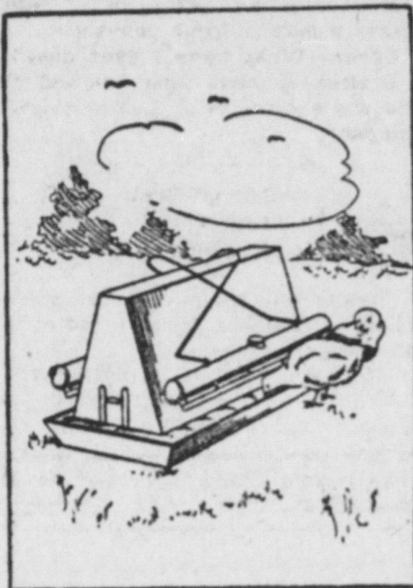
Turkey Raising.

Because of their natural roaming disposition a great many persons think that turkeys are hard to raise, but to those who understand their habits they are the easiest to raise of all domestic fowls, says a writer in an exchange. I think I say "domestic" advisedly, although I know there are some who consider it a misfit when applied to turkeys, but surely no one could call a flock of turkeys as tame as mine anything but domestic. This quality of tameness can be bred in turkeys and should be considered by all careful breeders, as well as size, shape and plumage.

USEFUL INSECTICIDE APPLIERS

Apparatus Arranged to Make Application Automatic as Chicken Helps Itself to Water.

One of the most ingenious of the many sanitary appliances for use on poultry farms is the insecticide applying device shown in the illustration. It was designed by an Ohio man. On a large farm it is practically impossible to apply insect-destroying preparations for every fowl. The apparatus here makes this application automatically as the chicken drinks. A central support is placed in the water pan and two tubes are



Insecticide Applier.

suspended from the sides. A strip of flexible percolating material hangs down from each tube to a point close to the water. The tube is filled with liquid insecticide, which keeps this strip continually saturated. When a chicken wants a drink it has to push its head under the flap and both in this motion and by the action of withdrawing its head, the feathers on head and neck become soaked with the solution. As every fowl has to drink, none is missed in this treatment.

TO FORCE EARLY MOULTING

Fowls Should Be Confined for About Ten Days and Given About One-Quarter of Usual Ration.

To bring about early moulting, confine fowls in their various quarters about August 1, and for ten days only allow them one-fourth of their usual rations. During this time they lose flesh and stop laying.

Then liberate and feed them all the corn, oats, peas, sunflower seed and wheat they will eat. This causes a rapid moult and the new feathers start at once. The hens soon recover from the process and begin to lay regularly about October 1.

The ration for laying hens should not be too heavy, but should be varied at frequent intervals. With your grain ration animal food such as ground flesh meat and bones, is essential. Some green food too must be given. Experiments at the New York station showed that the product of eggs from hens fed on corn meal was from 25 to 57 per cent. greater than from hens kept on a more nitrogenous ration.

Summer Gains Are Rapid.

The gains made by chickens during the summer are rapid, and poultrymen are fast beginning to realize that if they have large healthy birds they must have abundant range during the period when they are growing and developing.

POULTRY NOTES

Let the chicks have plenty of free range.

The young chicks should be kept growing.

The first requisite in fattening fowls is a good coop.

To make chicks grow first give plenty of good fresh air; don't allow them to crowd.

Keep plenty of water fresh and clean for your poultry, and fight for lice and mites.

Much loss is suffered by poulterers from a failure to properly fatten their stock for market.

Fowls, to fatten well, should be confined in a small space in perfect darkness, and kept perfectly quiet.

Fine gravel is not the proper grit for poultry. They want a sharp material with which to grind their feed.

Charcoal pounded fine and kept in the drinking pans will keep the young and old birds in good condition.

Swelling of the head is frequently caused by a sharp draft on the fowl, from some small knothole or crack.

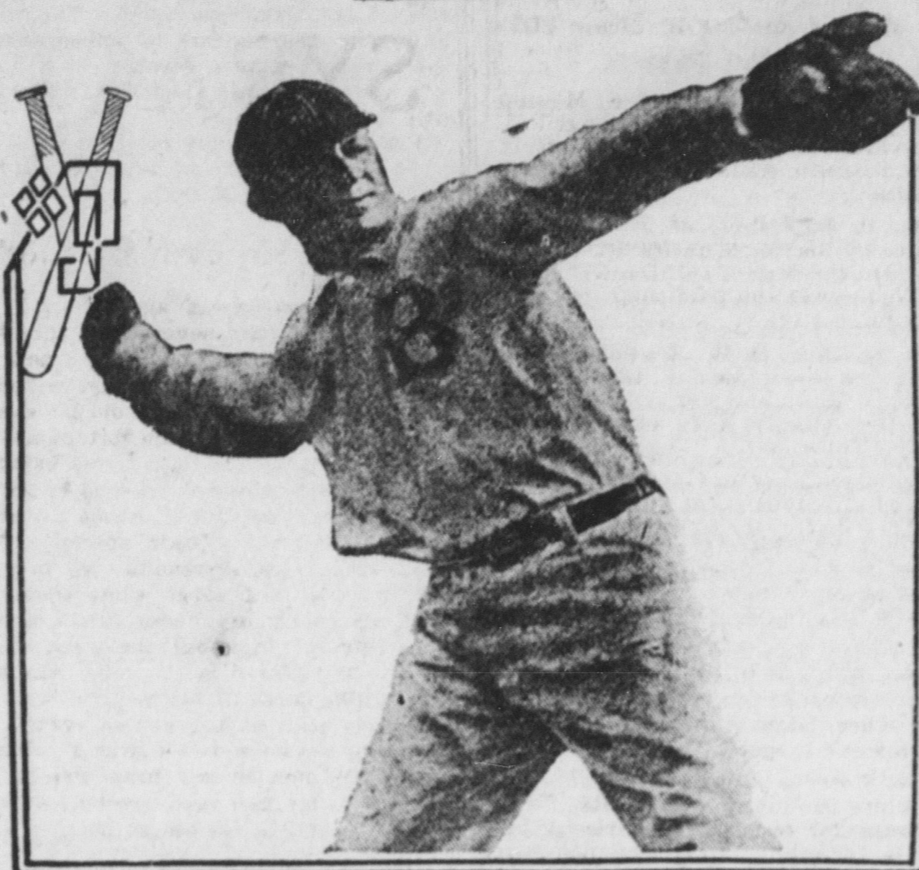
Grit must be provided for fowls, but the substance should be sharp and of size for poultry as for man or animals.

To keep a hen in good health she needs nearly seven times more fresh air in proportion to her size than does the horse.

If the hens are expected to lay heavily during the winter, they must be cared for every month of the year, and fed more heavily as the fall months come on.

If you are in the thoroughbred poultry business, do not sell your cull stock alive. Dress it and see that the culls are not worked onto the markets as your particular grain.

BROOKLYN TO LEAD SECOND DIVISION



Manager Bill Dahlen.

Now that Rucker, Barger, Bell and Scanlon are pitching good ball for Brooklyn, Manager Dahlen is confident that his team will lead the second division at the close of the season.

"We will do it with our pitchers," he says. "No team in the league has anything on us in the box, and if we were as strong elsewhere I would be talking pennant instead of heading the second division."

DOYLE LOOKS LIKE VETERAN

Chicago Cub's Playing at Third Base Clinches Position for Him—Made an Excellent Start.

Jimmy Doyle, as the baseball season creeps along, is steadily carving for himself into the position of permanent third baseman on the Chicago team. With every game his work improves, and he is succeeding exceedingly well in working with Tinker. Daily he is lessening Heinie Zimmerman's prospects of regaining the job at the far corner when Johnny Evers returns to the team.

His work in the field and at the plate is taking on the aspect of a vet-



Jimmy Doyle.

eran, as he is rapidly gaining in knowledge and experience.

For the present Manager Chance has no idea of taking him off the infield when Evers returns.

The possibility of Doyle being removed is when he begins to have a slump. There seems to be little chance of that taking place, as Doyle is determined to reach the height of his ambition. That is to become the permanent player of a major league club.

He has made an excellent start and says he is to make a noble fight to keep it up.

No strong objections can be made on his work up to date, with the probable exceptions to a little poor fielding. That probably was due to a streak of nervousness a youngster usually possesses when given his first chance to prove he is capable of competing in major league company. This nervousness is rapidly wearing away, as has been shown by his work in his recent games.

GANZEL FAMILY IS FAMOUS

John, Charles, Jr., and George Attend Family Reunion at Their Home in Kalamazoo, Mich.

After twenty-five years the Ganzel family held a family reunion at home in Kalamazoo recently. The Ganzel family have made their names famous in baseball. John Ganzel is manager and one-third owner of the Rochester team in the Eastern league and was at one time manager of the Cincinnati squad of the National league. He is now a bench manager. Charles, Jr., of Boston, now retired, is a well-to-do business man of that city. He was a catcher in the Detroit team of 1887, when the Tigers won the world's championship. Joe Ganzel of Grand Rapids won fame as a first baseman with various teams in Michigan while George Ganzel of Kazoo played with professional teams behind the bat and was a star. Both Joe and George had chances at the professional game, but preferred business life. The Ganzel family is one of the best known professional ball playing groups in the country.

BIG LEAGUES' RAID

Soon Begin to Grab Up Minor Baseball Stars.

Average Life of Professional Player in Major Company is But Four Years—Game Has Advanced Along Scientific Lines.

One of the laws of organized professional baseball provides that between May 20 and August 20 of each season the 16 clubs which comprise the American and National leagues can carry but 25 players on their rosters. This means that during the three most important months of the campaign 400 players are maintained on the salary lists of the major league clubs. Of this number nearly one-sixth—65, to be exact—have been playing in the two principal organizations of the great "outdoor leagues" for eight years and more. After August 20 the big leagues will begin their annual raid on the stars in the minors.

It has been said by those who have made a profession of baseball for years that the average life of the professional player in the two major leagues is four years. This can readily be understood when it is recalled how many athletes are drafted or purchased by these clubs, taken south and then fall to show caliber enough to out some seasoned veteran from his regular berth, and are sent back to the minor leagues.

There is still another point of honor to the credit of the 65 favorites who have performed for eight years and more. Baseball has advanced in a natural progression along scientific lines.

The following are the men who have remained in the American and National leagues for eight years or more:

Giants—Christopher Mathewson, John J. McGraw, Leon Ames and George Wiltse.

Highlanders—Charles Hemphill. Washington—James McAleer, Norman Elberfeld, "Wild" Conroy, "Tom" Hughes and Harry Gessler.

St. Louis Browns—"Bobby" Wallace and "Jack" Powell. St. Louis Cardinals—Roger Bresnahan.

Chicago Cubs—Frank Chance, James Sheppard, John Evers, Joseph Tinker and Mordecai Brown.

Chicago White Sox—William Sullivan, James Callahan, Harry White and "Pat" Dougherty.

Boston Nationals—Fred Tenney, "Patsy" Flaherty, John Kling and Harry Steinfield.

Boston Red Sox—"Pat" Donovan and "Jack" Thoney.

Philadelphia Nationals—Charles Doolin, John Titus, William Bransfield, "Pat" Moran, John Lobert, "Bob" Ewing and Earle Moore.

Philadelphia Athletics—"Connie" Mack, "Danny" Murphy, "Topsy" Hart, Harry Davis, "Eddie" Plank and "Chief" Bender.

Pittsburgh—Fred Clarke, "Tommy" Leach, John Wagner and Charles Phillippe.

Cincinnati—Clarke Griffith. Brooklyn—"Bill" Dahlen, Harry Smith and "Bill" Bergen.

Detroit—Hugh Jennings, George Mullin, "Bill" Donovan and "Davey" Jones.

Cleveland—"Cy" Young and Napoleon Lajoie.

UMPIRE MAKES UNIQUE RULE

Willing to Compromise on Foul Ball That He Had Declared Fair By Calling it Double.

Joe Jackson, the Cleveland star, tells this one on how an umpire decided a championship game between two rival South Carolina towns: "I was playing with Greens against Buffalo," said Joe. "We had Buffalo



Joe Jackson.

beaten 10 to 5, but they scored three runs in the last of the ninth and had three men on bases with none out," says the Sporting News.

"The Buffalo catcher hit a ball that seemed to travel about a mile. It fell foul by two or three feet, but the umpire called it a fair, and four runs scored.

"We kicked on the decision. The umpire said: 'Well, I don't want to see my home town boys lose, and I don't want to cheat Greens, so I'll compromise and call it a double.' That just beat our team."

THAT AWFUL BACKACHE

Cured by Lydia E. Pinkham's Vegetable Compound

Morton's Gap, Kentucky.—"I suffered two years with female disorders, my health was very bad and I had a continual backache which was simply awful. I could not stand on my feet long enough to cook a meal's victuals without my back nearly killing me, and I would have such dragging sensations I could hardly bear it. I had soreness in each side, could not stand tight clothing, and was irregular. I was completely run down. On advice I took Lydia E. Pinkham's Vegetable Compound and Liver Pills and am enjoying good health. It is now more than two years and I have not had an ache or pain since. I do all my own work, washing and everything, and never have the backache any more. I think your medicine is grand and I praise it to all my neighbors. If you think my testimony will help others you may publish it."—Mrs. OLLIE WOODALL, Morton's Gap, Kentucky.

Backache is a symptom of organic weakness or derangement. If you have backache don't neglect it. To get permanent relief you must reach the root of the trouble. Nothing we know of will do this so surely as Lydia E. Pinkham's Compound.

Write to Mrs. Pinkham, at Lynn, Mass., for special advice. Your letter will be absolutely confidential, and the advice free.

Our highest religion is named "the worship of sorrow."

A Hopeful Fellow. "What is an optimist?" "A man whose bump of hope is bigger than the rest of his head."

FOR HEADACHE—MICKS' CAPUDINE Whether from Colds, Heat, Stomach or Nervous Troubles, Capudine will relieve you. It's liquid-pleasant to take—acts immediately. Try it. 10c, 25c, and 50 cents at drug stores.

No Use Washing It. Mother—Charles, I see you have written me a little letter to say how sorry you are you took the jam! Well, I forgive you for your thoughtfulness. Charles—Yes, ma. Please don't tear the letter. Mother—Why not? Charles—Cos it'll do for next time. —Stray Stories.

EASY.



Jessie—How does Sue manage to win so many guessing contests? Joe—Her father is in charge of the local weather bureau, and she gets him to predict the result of the contest, and then she guesses the other way.

AT THE PARSONAGE. Coffee Runs Riot No Longer.

"Wife and I had a serious time of it while we were coffee drinkers. "She had gastritis, headaches, belching and would have periods of sickness, while I secured a daily headache that became chronic.

"We naturally sought relief by drugs without avail, for it is now plain enough that no drug will cure the diseases another drug (coffee) sets up, particularly, so long as the drug which causes the trouble is continued.

"Finally we thought we would try leaving off coffee and using Postum. I noticed that my headaches disappeared like magic, and my old 'trembling' nervousness left. One day wife said, 'Do you know my gastritis has gone?'

"One can hardly realize what Postum has done for us.

"Then we began to talk to others. Wife's father and mother were both coffee drinkers and sufferers. Their headaches left entirely a short time after they changed from coffee to Postum.

"I began to enquire among my parishioners and found to my astonishment that numbers of them use Postum in place of coffee. Many of the ministers who have visited our parsonage have become enthusiastic champions of Postum." Name given by Postum Co., Battle Creek, Mich.

Read the little book, "The Road to Wellville," in pkgs. "There's a reason." Ever read the above letter? A new one appears from time to time. They are genuine, true, and full of human interest.